



U.S. Department
of Transportation

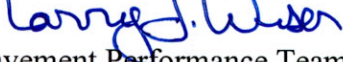
**Federal Highway
Administration**

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION**: LTPP Directive P-37
LTPP Manual For Profile Measurements and Processing,
Version 4.1, May 2004

Date: May 25, 2004

From: Larry Wiser 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Mark Gardner, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long Term Pavement Performance (LTPP) Program Directive P-37: LTPP Manual For Profile Measurements and Processing, Version 4.1, May 2004. Please ensure that all personnel involved are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3079.

Attachment

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area:	Monitoring	Directive Number:	P-37
Date:	May 25, 2003	Supersedes:	See Directive
Subject:	LTPP Manual for Profile Measurements and Processing, Version 4.1, May 2004		

Effective immediately, the instructions provided in the ***LTPP Manual for Profile Measurements and Processing, Version 4.1, May 2004*** shall be followed by the regional services contractors when performing longitudinal and/or transverse profile measurements on active LTPP test sections using the following devices:

- International Cybernetics Corporation (ICC) MDR 4086L3 inertial profiler
- Face Company Dipstick®
- Rod and level survey instruments.

This manual contains standard procedures and forms for data collection, equipment checks, equipment calibration, record keeping and maintenance for each of the referenced profiling devices.

The data collected by the referenced devices shall be processed using the procedures described in this manual.

Implementation of this version of the manual results in the following directives being superseded:

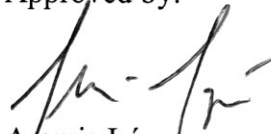
- D-23: Transverse Profile Measurements on LTPP Test Sections
- D-35: Transverse Profile Measurements at LTPP PCC Test Sections
- P-19: Annual Inter-Regional Profiler Comparison Tests
- P-26: Alternate LTPP Profiler Comparisons
- P-27: Assignment of RCO Codes to Profile Data
- P-30: Collection of Longitudinal Profile Data at SPS-1, -2, -5, and -6 WIM Sections Using LTPP Inertial Profilers
- P-33: LTPP Manual for Profiler measurements: Operational Field Guidelines Version 4.0

- P-35: Office Procedures for Processing and Performing Quality Assurance Checks on Profile Data

Question concerning this directive should be addressed to the FHWA LTPP Team representative responsible for profiler activities. If there are problems with the implementation and/or usage of the manual, please submit a Profiler Problem Report (PROFPR) form in accordance with the guidelines contained in the manual.

Prepared by: TSSC

Approved by:



Aramis López
LTPP Team Leader